

Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

0.1 Member State	GR
0.2.1 Species code	5310
0.2.2 Species name	Cobitis meridionalis
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Vrygovelonitsa

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	2007-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

2. Biogeographical Or Marine Level

2.1 Biogeographical Region

Mediterranean (MED)

2.2 Published sources

Crivelli, A.J. 2010. Pilot Application of the Transboundary Monitoring System for the Prespa Park: Fish and Fisheries Monitoring, Final Report, Society for the Protection of Prespa – Tour du Valata, Agios Germanos.

Koutseri, I. 2012. Saving Gish Biodiversity in the Prespa Basin. Society for the Protection of Prespa. LIFE09 INF/GR/319, e-publication.

Perennou, C., Gletsos, M., Chauvelon, P., Crivelli, A., DeCoursey, M., Dokulil, M., Grillas, P., Grovel, R. and A. Sandoz. 2009. Development of a Transboundary Monitoring System for the Prespa Park Area, Aghios Germanos, Greece, November 2009, 381pp.

2.3 Range

2.3.1 Surface area - Range (km ²)	81
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	stable (0)
2.3.5 Short-term trend magnitude	min max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km ²) operator approximately equal to (≈) unkown No method Value equal to the surface area of the Greek part of the two Lakes (Mikri and Megali Prespa) = 81km ²

2.3.10 Reason for change

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit N/A
	min max

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2.4.2 Population size (other than individuals)	Unit	area covered by population in m2 (area)	
	min	81000000	max 81000000
2.4.3 Additional information	Definition of locality		
	Conversion method		
	Problems		
2.4.4 Year or period	2006-2012		
2.4.5 Method – population size	Estimate based on expert opinion with no or minimal sampling (1)		
2.4.6 Short-term trend period	2001-2012		
2.4.7 Short term trend direction	stable (0)		
2.4.8 Short-term trend magnitude	min	max	confidence interval
2.4.9 Short-term trend method	Estimate based on expert opinion with no or minimal sampling (1)		
2.4.10 Long-term trend period			
2.4.11 Long term trend direction	N/A		
2.4.12 Long-term trend magnitude	min	max	confidence interval
2.4.13 Long-term trend method	N/A		
2.4.14 Favourable reference population	number		
	operator	approximately equal to (≈)	
	unknown	No	
	method	Value equal to the surface area of the Greek part of the two Lakes (Mikri and Megali Prespa) = 81km ²	
2.4.15 Reason for change			

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	81
2.5.2 Year or period	2006-2012
2.5.3 Method used - habitat	Estimate based on expert opinion with no or minimal sampling (1)
2.5.4 a) Quality of habitat	Moderate
2.5.4 b) Quality of habitat - method	Based on partial data on wetland habitats and water quality studies, expert judgement
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	unknown (x)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km ²)	0
2.5.10 Reason for change	

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Fertilisation (A08)	medium importance (M)	N/A
Irrigation (A09)	medium importance (M)	N/A
2.6.1 Method used – pressures	mainly based on expert judgement and other data (2)	

2.7 Main Threats

Threat	ranking	pollution qualifier(s)
Fertilisation (A08)	medium importance (M)	N/A
Irrigation (A09)	medium importance (M)	N/A
2.7.1 Method used – threats	expert opinion (1)	

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2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

The % threshold could not be used for the assessment since: a) a different method for assessing range was employed, compared to the 2nd Reporting Endemic and rare species. Changes in trophic status of the lake, combined with extensive droughts may exert pressure to the population of the species. Already, its spawning grounds (lithophilous: clean gravel areas) are threatened by the development of vegetation in littoral areas.

The species is also found within both lakes in the other two littoral countries – Albania & FYROM, so the full range of the species extends in 307 m2.

2.8.3 Trans-boundary assessment

A joint assessment of fish species in Greece, Albania and the FYROM (only Greece is a member-state) did not manage to verify the presence of *Cobitis meridionalis* in all littoral countries. The assessment was carried out by calculating CPUEs, following the application of the fish monitoring methods described in the “Transboundary Monitoring System of the Prespa Park”. In Greece, *Cobitis meridionalis*, appears an endemic and rare species with low populations.

2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range

assessment Favourable (FV)
qualifiers N/A

2.9.2. Population

assessment Favourable (FV)
qualifiers N/A

2.9.3. Habitat

assessment Inadequate (U1)
qualifiers unknown (x)

2.9.4. Future prospects

assessment Inadequate (U1)
qualifiers unknown (x)

2.9.5 Overall assessment of Conservation Status

Inadequate (U1)

2.9.5 Overall trend in Conservation Status

unknown (x)

3. Natura 2000 coverage and conservation measures - Annex II species

3.1 Population

3.1.1 Population Size

Unit area covered by population in m2 (area)
min 81000000 max 81000000

3.1.2 Method used

Estimate based on expert opinion with no or minimal sampling (1)

3.1.3 Trend of population size within

stable (0)

3.2 Conversation Measures

3.2.1 Measure

3.2.2 Type

3.2.3 Ranking

3.2.4 Location

3.2.5 Broad Evaluation

Establish protected areas/sites (6.1)

Legal
Administrative
One-off

high importance
(H)

Inside

Enhance
Long term